

## **OCT 2001 SERVICEWIDE EXAMINATION** **STATISTICS BY EXAM RATE**

The following list shows the number of persons taking the exam for each rate, the AVERAGE award points, the AVERAGE time in service, the AVERAGE time in rate, and the AVERAGE points for sea time. This will give the candidates a good idea as to how they compare with the AVERAGE candidate for advancement in their rate.

<b><u>EXAM RATE</u></b>	<b><u>TOTAL TAKEN</u></b>	<b><u>AVERAGE AWARD PTS</u></b>	<b><u>AVG TIME IN SERVICE</u></b>	<b><u>AVG TIME IN RATE</u></b>	<b><u>AVG PTS FOR SEA TIME</u></b>
BM2	15	3	09-07	05-03*	.00
BM1	21	3	13-06	05-00	.00
BMC	30	5	16-09	06-05*	.00
BMCS	19	6	21-04*	04-08	.00
BMCM	5	8	21-11*	02-04	.00
DC2	6	1	08-03	05-06*	.00
DC1	3	4	13-06	06-10*	.00
DCC	25	4	19-02	07-04*	.00
DCCS	7	5	22-02*	04-09	.00
DCCM	3	10	22-08*	05-03*	.00
EM2	2	2	10-00	04-00	.00
EM1	6	1	11-06	03-04	.00
EMC	19	4	16-06	05-00	.00
EMCS	3	5	22-02*	07-08*	.00
ET2	5	3	15-03	10-05*	.00
ET1	5	2	19-02	11-09*	.00
ETC	12	5	19-10	08-08*	.00
ETCS	6	5	22-08*	08-07*	.00
ETCM	3	7	25-01*	06-00*	.00
FS1	20	4	17-02	07-03*	.00
FSC	5	5	21-05*	10-05*	.00
FSCS	1**				
FSCM	1**				
FTC	1**				
FTCS	1**				
GM2	2	1	10-06	02-03	.00
GMC	3	3	17-05	04-03	.00
GMCS	5	6	20-11*	05-02*	.00
HS2	5	1	10-02	08-10*	.00
HS1	10	3	12-00	04-06	.00
HSC	7	4	19-03	06-04*	.00
HSCS	3	8	21-02*	07-09*	.00
HSCM	1**				

<u>EXAM RATE</u>	<u>TOTAL TAKEN</u>	<u>AVERAGE AWARD PTS</u>	<u>AVG TIME SERVICE</u>	<u>AVG TIME IN RATE</u>	<u>AVG PTS FOR SEA TIME</u>
IV2	8	2	10-10	06-00*	.00
IV1	15	3	13-05	03-03	.00
IVC	7	6	18-04	04-00	.00
IVCS	8	5	22-01*	04-05	.00
IVCM	3	5	20-03*	02-05	.00
MK2	18	2	10-03	06-01*	.00
MK1	17	4	16-06	06-05*	.00
MKC	66	5	18-09	07-02*	.00
MKCS	21	7	22-04*	05-05*	.00
MKCM	10	6	24-08*	05-10*	.00
MST2	12	2	09-05	06-10*	.00
MST1	24	3	14-10	05-03*	.00
MSTC	50	4	18-03	06-03*	.00
MSTCS	17	6	22-05*	07-08*	.00
MSTCM	12	7	23-08*	03-07	.00
PA1	1**				
PACS	4	7	18-04	07-02*	.00
PS2	61	1	07-09	04-09	.00
PS1	65	3	14-09	04-09	.00
PSC	28	4	17-02	05-03*	.00
PSCS	8	8	20-02*	04-05	.00
PSCM	4	7	21-10*	02-06	.00
QM2	2	2	09-06	08-11*	.00
QMC	11	4	17-02	09-01*	.00
QMCS	1**				
QMCM	1**				
RDCS	3	6	20-06*	07-10*	.00
SK2	11	2	08-00	07-02*	.00
SK1	42	4	15-04	06-01*	.00
SKC	27	6	19-09	07-10*	.00
SKCS	10	8	22-05*	05-07*	.00
TC2	2	1	05-10	05-01*	.00
TC1	11	4	11-11	04-03	.00
TCC	9	5	17-02	06-01*	.00
TCCS	12	5	20-06*	07-05*	.00
TTC	4	5	18-02	05-04*	.00
YN2	19	1	05-01	03-02	.00
YN1	50	4	11-02	02-07	.00
YNC	55	6	18-04	06-03*	.00
YNCS	26	8	22-05*	07-02*	.00
YNCM	5	10	26-08*	09-04*	.00

- \* - This value shows the actual averages, however, when converted this value will not exceed the values below.  
 \*\* - When only one person has taken an exam, all stats will be blank to protect the privacy of the individual.

## **Formulas**

**Award Points** – Max award pts is 10 (refer to 5.C.3.b.3 of the Personnel Manual for credible award points).

**Sea Duty for SWE Eligibility** - For eligible sea time criteria see 5-C-15 of the Personnel Manual. Determined to the **Eligibility Date** (Feb 1 or Aug 1).

**Sea Duty Pts for SWE Competition** -- 1 month = .167 pts for all FULL months (30 days) of eligible Coast Guard sea time earned since 1Feb94. Round off to nearest hundredth (max 10 pts). Determined to the **Eligibility Date** (Feb 1 or Aug 1).

**Time in Service** --- Yrs x 12 = A; A + months = B; B/12 = C; Round off to nearest hundredth (max 20 pts.) Time is calculated in full months only. Determined to the **Terminal Eligibility Date** (Jan 1 or Jul 1).

**Time in Rate** -- Yrs x 12 = A; A + months = B; B x 2 = C; C/12 = D; Round off to nearest hundredth (max 10 pts.) Time is calculated in full months only. Determined to the **Terminal Eligibility Date** (Jan 1 or Jul 1).

**Performance Factor (as listed on the profile letter)**

D = Total Marks Factor Average (Total of Marks divided by # of sets of marks)

K = Number of subfactors on marks sheet

For present rate E-4/5/6, K = 22

For present rate E-7/8/9, K = 24

PM = Performance Factor ( as listed on the profile letter)

$PM = (21D / 4K) + 13.25$  DO NOT ROUND UP (max 50 pts)

## **EXAMPLE:**

DC2 Fixit, a career Coast Guardsman with no prior service, is trying to verify the points used in figuring his final multiple for his May 2001 SWE. Here is what we know:

Award pts	4	Sea Duty (all after 1 Feb 94)	2 years 11 months 20 days
Time in Service	12 years 6 months*	Time in Rate	4 years 3 months*

*\*figured from the terminal eligibility date*

2 sets of marks	Military Factor	Performance Factor	Leadership Factor	Professional Qualities
Oct 31	12	42	40	36
Apr 30	11	40	38	35

### Time in Service

$$\begin{aligned}12 \text{ yrs} \times 12 &= 144 \\144 + 6 &= 150 \\150/12 &= \mathbf{12.50}\end{aligned}$$

### Sea Duty for Pts

$$35 \text{ mo} \times .1667 = \mathbf{5.83}$$

### Time in Rate

$$\begin{aligned}4 \text{ yrs} \times 12 &= 48 \\48 + 3 &= 51 \\51 \times 2 &= 102 \\102/12 &= \mathbf{8.50}\end{aligned}$$

### Award Pts

$$\mathbf{4}$$

### Performance Factor (as listed on the profile letter)

(Note – Using the above evaluations, add all factor totals for each evaluation ( $12 + 42 + 40 + 36 = 130$  and  $11 + 40 + 38 + 35 = 124$ ) and then add the sums together ( $130 + 124 = 254$ ). Then divide the total by number of evals ( $254 / 2 = 127$ ), which gives 'D' for the formula).

$$D = 127 \quad (\text{Total of Marks divided by \# of sets of marks})$$

$$K = 22$$

$$PM = (2667 / 88) + 13.25$$

$$PM = \mathbf{43.55}$$